

Results of the analyses of residues of antibiotics or chemotherapeutics

Identification	Tetracyclines	Sulfonamides	(Dihydro) streptomycin	(Fluoro) quinolones	Macrolides/ Lincosamides
CY 2023/01 A	n.d	n.d	n.d	n.d	n.d
CY 2023/02 A	n.d	n.d	n.d	n.d	n.d
CY 2023/03 A	--	--	--	--	--
CY 2023/04 A	--	---	---	---	---
CY 2023/05 A	*	n.d.	n.d.	n.d.	n.d.
CY 2023/06 A	*	n.d	n.d	n.d	n.d
CY 2023/07 A	--	--	--	--	--
CY 2023/08 A	n.d.	n.d.	n.d.	n.d.	n.d.
CY 2023/09 A	n.d	n.d	n.d	n.d	n.d
CY 2023/10 A	---	---	---	---	---

---: not analysed; n.d.: not detected; *: suspect positive, sample further investigated by LC/MS-MS

Identification	Chloramphenicol	Nitrofurans ¹	5-Nitro-imidazoles ²
CY 2023/01 B	n.d.	n.d.	n.d.
CY 2023/02B	n.d.	n.d.	n.d.
CY 2023/05 B	n.d.	n.d.	n.d.
CY 2023/06 B	n.d.	n.d.	n.d.
CY 2019/08 B	n.d.	n.d.	n.d.
CY 2019/09 B	n.d.	n.d.	n.d.

¹ Includes AOZ, AMOZ, AHD, and SEM

² 5-nitroimidazoles include metronidazole, ronidazole, and dimetridazole.

Results of the analyses of bee treatment products and varroacides

Identification	Amitraz (including metabolites) (µg/kg)	Bromopropylate (including 4,4'- DBBP) (µg/kg)	Coumaphos (µg/kg)	Flumethrin (µg/kg)	Fluvalinate (µg/kg)	Others ³ (µg/kg)
CY 2023/01 B	17	n.d.	50	n.d.	n.d.	n.d.
CY 2023/02 B	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
CY 2023/05 B	40	n.d.	10.	n.d.	n.d.	n.d.
CY 2023/06 B	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
CY 2023/08 B	120	n.d.	19	n.d.	n.d.	n.d.
CY 2023/09 B	265	n.d.	n.d.	n.d.	n.d.	n.d.

³ Includes acrinathrin, chlorfenvinphos, cymiazole, DEET, malathion, and tetradifon.

Results of the analyses of pesticides, lead and zinc

Identification	Pesticides ($\mu\text{g}/\text{kg}$)	Lead ($\mu\text{g}/\text{kg}$)	Zinc ($\mu\text{g}/\text{kg}$)
CY 2023/03 B	Amitraz 10*	40	n.d
CY 2023/04 B	Coumaphos 15 Amitraz 10*	69	--
CY 2023/07 B	Amitraz 121*	88	--
CY 2023/10 B	n.d	n.d	--

Note: ---: not analysed; n.d.: not detected, *: including metabolites.

Results of the analyses of bee repellents and/or wax moth control agents

Identification	Napthalene (µg/kg)	Nitrobenzene (µg/kg)	Paradichlorobenzene (µg/kg)	Phenyl- acetaldehyde (µg/kg)	Phenol (µg/kg)	Thymol (µg/kg)
CY 2023/03 B	n.d.	n.d.	n.d.	560	17	n.d.
CY 2023/04 B	n.d.	n.d.	n.d.	1450	n.d.	n.d.
CY 2023/07 B	n.d.	n.d.	n.d.	650	11	n.d.
CY 2023/10 B	n.d.	n.d.	n.d.	n.d	n.d	n.d.

n.d.: Not detected, < limit of quantification

List of checked pesticides

2,4-D
Acephate
Acequinocyl
Acetamiprid
Acibenzolar-S-methyl
Aclonifen
Acrinathrin
Alachlor
Aldicarb
Aldicarb sulfone (= Aldoxycarb)
Aldicarb sulfoxide
Aldrin
Allethrin
Amitraz (including the metabolites containing the 2,4 - dimethylaniline moiety expressed as amitraz)
Avermectin
Azinphos-ethyl
Azinphos-methyl
Azoxystrobin
Benalaxyl-M
Benfluralin
Benomyl
Bifenazate
Bifenthrin
Binapacryl
Biphenyl
Bitertanol
Boscalid
Bromacil
Bromophos (-methyl)
Bromophos-ethyl
Bromopropylate (incl. 4,4'-Dibromobenzophenone)
Bromuconazole
Bupirimate

Buprofezin
Cadusafos
Captan
Carbaryl
Carbendazim (incl. Benomyl)
Carbetamide
Carbofuran (incl. Carbosulfan)
Carbofuran, 3-Hydroxy-
Carbophenothion
Chlordane, alpha- (cis-)
Chlordane, Oxy-
Chlordane, gamma- (trans-)
Chlorfenapyr
Chlorfenson
Chlorfenvinphos
Chlormephos
Chlorobenzilate
Chloroneb
Chloropropylate
Chlorothalonil
Chloroxuron
Chlorpropham
Chlorpyrifos (-ethyl)
Chlorpyrifos-methyl
Chlorthal-dimethyl
Chlorthion
Chlorthiophos
Chlozolinate
Clofentezine
Clomazone
Clothianidin
Coumaphos
Cyanofenphos
Cyanophos
Cyantraniliprole
Cyfluthrin
Cyhalothrin, lambda-
Cymiazole

Cymoxanil
Cypermethrin
Cyproconazole
Cyprodinil
Cyromazin
DDD, o,p-
DDD, p,p-
DDE, o,p-
DDE, p,p-
DDT, o,p-
DDT, p,p-
Deltamethrin
Demeton-S-methyl
Demeton-S-methyl sulfone
Demeton-S-methyl-sulfoxide
Diafenthiuron
Diazinon
Dichlobenil
Dichlofenthion
Dichlofluanid
Dichlorvos
Dicloran
Dicofol (incl. 4,4'-Dichlorobenzophenone)
Dieldrin
Diethofencarb
Difenoconazol
Diflubenzuron
Diflufenican
Dimethoat
Dimethomorph
Dimoxystrobin
Diniconazol
Dinotefuran
Diphenylamin
Disulfoton
Disulfoton-PS-sulfone
Disulfoton-PS-sulfoxide
Ditalimfos

Diuron
Dodine
Endosulfan, alpha-
Endosulfan, beta-
Endosulfan-sulfate
Endrin
EPN
Epoxiconazole
Ethiofencarb
Ethiofencarb-sulfone
Ethion
Ethoprophos
Ethoxyquin
Etofenprox
Etridiazole
Etrimfos
Famoxadone
Famphur
Fenamiphos
Fenarimol
Fenazaquin
Fenbuconazole
Fenchlorphos
Fenhexamid
Fenitrothion
Fenoxycarb
Fenpropathrin
Fenpropimorph
Fenpyroximate
Fenson
Fensulfothion
Fenthion
Fenthion-oxon
Fenthion-oxon-sulfone
Fenthion-sulfoxide
Fenvalerate/Esfenvalerate
Fipronil
Fluazifop-P

Fluazifop-P-butyl
Fluazinam
Fluchloralin
Flucythrinate
Fludioxonil
Flufenoxuron
Fluquinconazole
Flusilazole
Flutriafol
Fluvalinate, Tau-
Fluxapyroxad
Folpet
Fonofos
Formothion
Halfenprox
Haloxyfop
HCH, alpha-
HCH, beta-
HCH, delta-
Heptachlor
Heptachlor epoxide, cis- (exo)
Heptachlor epoxide, trans- (endo)
Heptenophos
Hexachlorobenzene (HCB)
Hexaconazole
Hexaflumuron
Hexythiazox
Imazalil
Imidacloprid
Indoxacarb
Iodofenphos
Iprobenfos
Iprodione
Iprovalicarb
Isazofos
Isocarbofos
Isodrin
Isufenphos

Isofenphos-methyl
Isoproturon
Isoxathion
Kresoxim-methyl
Leptophos
Lindane (gamma-HCH, gamma-BCH)
Linuron
Lufenuron
Malaoxon
Malathion
Mecarbam
Mepanipyrim
Mepronil
Mesotrione
Metalaxyl
Metamitron
Metazachlor
Methacrifos
Methamidophos
Methidathion
Methiocarb
Methiocarb sulfone
Methiocarb sulfoxide
Methomyl
Methoxychlor
Methoxyfenozide
Metobromuron
Metolcarb
Metoxuron
Metribuzin
Mevinphos
Mirex
Monocrotophos
Monolinuron
Myclobutanil
Nitenpyram
Nitrapyrin
Nitrofen

Nuarimol
Omethoat
Oxadixyl
Oxamyl
Paraoxon-ethyl
Paraoxon-methyl
Parathion-ethyl
Parathion-methyl
Penconazole
Pencycuron
Pendimethalin
Pentachloroaniline
Pentachloroanisole
Permethrin
Phenthoate
Phenylphenol
Phorate
Phorate-sulfone
Phosalone
Phosmet
Phosphamidon
Piperonyl butoxide
Pirimicarb
Pirimicarb, Desmethyl-
Pirimicarb, Desmethylformamido
Pirimiphos-ethyl
Pirimiphos-methyl
Prochloraz
Procymidone
Profenofos
Profluralin
Propamocarb
Propargite
Propetamphos
Propiconazole
Propoxur
Propyzamide
Prothioconazole

Prothiophos
Pymetrozine
Pyraclostrobin
Pyrazophos
Pyridaben
Pyridaphenthion
Pyrifenox
Pyrimethanil
Pyriproxyfen
Quinalphos
Quinoxifen
Quintozene
Rotenone
S 421 (octachlorodipropyl ether)
Spinosad
Spirodiclofen
Spiromesifen
Spiroxamine
Sulfotep
Sulprofos
Tebuconazole
Tebufenozide
Tebufenpyrad
Tecnazene
Teflubenzuron
Tefluthrin
Terbufos
Terbutylazine
Tetrachlorvinphos
Tetraconazole
Tetramethrin
Tetradifon
Tetrasul
Thiabendazole
Thiaclopid
Thiametoxam
Thiodicarb
Thionazin

Thiophanat-methyl
Tolclofos-methyl
Tolyfluanid
Triadimefon
Triadimenol
Triallate
Triazophos
Trichlorfon
Trichloronat
Trifloxystrobin
Triflumizole
Trifluralin
Triforine
Vinclozolin